

84.5%

# DIVISION AND WORD PROBLEMS POST-TEST

## PART 1: DIVISION

**Directions:** For problems 1-6, solve the following division problems (5 points each). Please **show your work**.

1.  $44 \div 4 = 11 R0$

① 
$$\begin{array}{r} 11 R0 \\ 4 \overline{)44} \\ \underline{-4} \phantom{0} \\ 04 \\ \underline{-4} \\ 0 \end{array}$$

2.  $96 \div 4 = 24 R0$

② 
$$\begin{array}{r} 24 \\ 4 \overline{)96} \\ \underline{-8} \phantom{0} \\ 16 \\ \underline{-16} \\ 00 \end{array}$$

3.  $714 \div 6 =$

③ 
$$\begin{array}{r} 11 R0 \\ 6 \overline{)714} \\ \underline{-6} \phantom{0} \\ 11 \\ \underline{-11} \\ 004 \end{array}$$

-2.5

4.  $744 \div 8 =$

④ 
$$\begin{array}{r} 93 \\ 8 \overline{)744} \\ \underline{-70} \phantom{0} \\ 044 \\ \underline{-044} \\ 0 \end{array}$$

-5

-7.5



5.  $9008 \div 8 =$

(5) 
$$\begin{array}{r} 100 R0 \\ 8 \overline{) 9008} \\ \underline{-8} \phantom{00} \\ 00 \phantom{00} \\ \underline{-0} \phantom{00} \\ 000 \phantom{00} \\ \underline{-0} \phantom{00} \\ 330008 \\ \underline{-8} \\ 0 \end{array}$$

6.  $3905 \div 3 =$

(3) 
$$\begin{array}{r} 133 \\ 3 \overline{) 3905} \\ \underline{-39} \phantom{00} \\ 090 \phantom{00} \\ \underline{-9} \phantom{00} \\ 0005 \phantom{00} \\ \underline{-3} \phantom{00} \\ 2 \end{array}$$

(6) 
$$\begin{array}{r} 13 R2 \\ 3 \overline{) 3905} \\ \underline{-39} \phantom{00} \\ 000 \phantom{00} \\ \underline{-0} \phantom{00} \\ 0005 \phantom{00} \\ \underline{-3} \phantom{00} \\ 2002 \end{array}$$

$$\begin{array}{r} 13 \\ \times 3 \\ \hline 39 \end{array}$$

$$\begin{array}{r} -8 \end{array}$$



## PART 2: KEY TERMS

**Directions:** For problems 7-16, match the following key terms to the correct operation (addition, subtraction, multiplication, or division).

Each question is worth 4 points.

- ✓ 7. A All Together
- ✓ 8. B Take Away
- ✓ 9. C Times
- ✓ 10. A Sum
- ✓ 11. D Evenly
- ✓ 12. D Goes into
- ✓ 13. A Plus
- ✓ 14. B Difference
- ✓ 15. C Product
- ✓ 16. B How many remain

- A. Addition
- B. Subtraction
- C. Multiplication
- D. Division

-10



## PART 3: WORD PROBLEMS

**Directions:** Work the following word problems using addition, subtraction, multiplication, or division. Some problems may require a combination of these operations. Each problem is worth 6 points. Please **show your work**.

17. The teacher brought 45 stickers to class. If she gave 18 stickers to students in her class, how many stickers does the teacher have left?

✓

$$\begin{array}{r} 45 \\ - 18 \\ \hline 27 \end{array} \text{ Stickers}$$

Subtraction

18. Eduardo is ordering lunch from McDonalds. He can choose between the Quarter Pounder, Egg McMuffin, or a McDouble. On the side, he can choose to have fries, a smoothie, a frappe, or a muffin. How many different combinations can Eduardo order for lunch?

✓

$$\begin{array}{r} 3 \\ \times 4 \\ \hline 12 \end{array} \text{ combinations}$$

19. On a farm, there are 3 pens of animals. There are 20 lambs in the first pen. There are 6 more lambs in the second pen than in the first pen, and there are 2 more lambs in the third pen than in the second pen. How many animals are there in total between all three pens?

✓

20	26	28
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$$\begin{array}{r} 20 \\ 26 \\ + 28 \\ \hline 74 \end{array} \text{ Lambs}$$

Addition

0



20. Katy bought 150 donuts. Her twin sister, Jen, ate half of them. How many donuts does Katy have left?

✓

$$\begin{array}{r} 75 \text{ donuts left} \\ 2 \overline{) 150} \end{array}$$

21. Jessica has 55 different outfits for her dog. Lindsey has 18 different outfits for her dog. How many outfits do the girls have all together?

✓

$$\begin{array}{r} 1 \\ 55 \\ + 18 \\ \hline 73 \text{ outfits} \end{array}$$

Addition

-0